PROVINCE OF BRITISH COLUMBIA

Forty-Seventh Annual Report

of the Business Done in Pursuance of the

Pension (Teachers) Act

YEAR ENDED DECEMBER 31

1987

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TO: The Honourable DAVID C. LAM,
Lieutenant-Governor of the Province of British Columbia

MAY IT PLEASE YOUR HONOUR:

The undersigned respectfully submits the Report of the business done in pursuance of the *Pension (Teachers) Act* during the fiscal year ended December 31, 1987.

CLIFF MICHAEL
Minister of Government
Management Services

Office of the Minister of
Government Management Services
Victoria, British Columbia
March 17, 1989

The Honourable CLIFF MICHAEL
Minister of Government Management Services
Victoria, British Columbia

SIR:

I have the honour to lay before you the Report of the business done in pursuance of the *Pension (Teachers) Act* during the fiscal year ended December 31, 1987.

Respectfully submitted,

JOHN W. COOK
Superannuation Commissioner

March 17, 1989

PENSION (TEACHERS) ACT

ANNUAL REPORT

Report of the business done in pursuance of the *Pension (Teachers) Act* during the fiscal year ended December 31, 1987

Section 4 — Inflation adjustment supplements totalling $24,089,351 paid during the year were charged to the Pension Account. These allowances are adjusted each January 1st and are related to the annual increase in the Consumer Price Index as at each previous September 30th, but may be limited by the availability of funds in the Inflation Adjustment Account to provide the capitalized value of the increases.

Sections 6, 7 and 10 — Contributions received from teachers totalled $71,111,047 made up as follows:

	$
Basic contributions	59,363,374
Inflation adjustment contributions	10,636,593
Voluntary contributions	41,739
Reinstatement	555,748
Contributions for approved periods of leave of absence	513,593

As at December 31, 1987 there were 43,885 teachers with contributory credits in the Fund, made up as follows:

Current members	
Teachers employed by school districts	30,317
Teachers employed other than by school districts	582
Inactive members	
Teachers out of service	12,079
Teachers with deferred vested pension rights	907

Section 8 (1) — Employer contributions received from the Minister of Finance and Corporate Relations amounted to $98,445,542, in respect of basic, inflation adjustment, and recognition of service contributions.

Section 8 (3), (4) and (5) — Employer contributions received from the British Columbia Teachers' Federation and employers other than school districts for 61 teachers on loan, etc., amounted to $279,366.

Section 8 (5) — Reimbursement to employers of Canada Pension Plan employer contributions paid by them in respect of employees to whom the *Pension (Teachers) Act* applies amounting to $12,786,093 were paid by the Minister of Finance and Corporate Relations.

Section 8 (6) — Contributions received from the Minister of Finance and Corporate Relations amounted to $2,939,114, in respect of the Teachers' Early Retirement Plan.

Sections 11, 12, 15 and 16 (1) — Superannuation allowances were granted in respect of 689 teachers as follows:

Normal retirement age	599
Total and permanent disability	32
Death in service	6
Deferred	52

For analysis and comparative statistics see Schedules 4, 5 and 6 appended.

Section 11 (2), (10) and 12 (1) — Transfers totalling $2,679,399 were received from 7 approved and reciprocal pension plans in respect of 48 contributors upon grant of allowance and in respect of 22 teachers following transfer of service as follows:

Upon Grant of Allowance		$
Province of Manitoba Teachers' Retirement Allowances Fund	1	9,989
Province of Saskatchewan Teachers' Pensions Fund	18	243,648
Province of Alberta Teachers' Pensions Fund	23	493,042
Province of Ontario Teachers' Superannuation Fund	2	24,265
Province of Quebec Teachers' Superannuation Fund	3	76,120
Public Service Superannuation Fund	1	2,621
During Service		
Province of Quebec Teachers' Superannuation Fund	17	1,696,575
Government of Canada Public Service Pension Account	5	133,139

Section 11 (2), (10) and 12 (1) — Transfers totalling $475,740 were made to 14 approved and reciprocal pension plans in respect of 13 contributors upon grant of allowance and in respect of 1 contributor following transfer of service as follows:

Upon Grant of Allowance		$
Province of Alberta Teachers' Pensions Fund	6	114,686
Province of Manitoba Teachers' Superannuation Fund	1	14,173
Province of Ontario Teachers' Superannuation Fund	2	7,742
Province of Saskatchewan Teachers' Pensions Fund	3	259,432
Municipal Superannuation Fund	1	743
During Service		
Government of Canada Public Service Pension Account	1	78,964

Section 14 (4) and (5) — The matching portion of medical premiums deducted from eligible recipients of a superannuation allowance amounting to $1,006,729 was paid by the Minister of Finance and Corporate Relations.

Sections 16 (5) and 17 — Refunds were granted in respect of 709 teachers and totalled $5,755,386 made up as follows:

		$
Resignations	587	5,267,714
Death in service	22	376,690
Excess contributions on grant of allowance	54	65,780
Miscellaneous	46	45,202

For analysis and comparative statistics see Schedules 4 and 5 appended.

Section 21 — Actuarial and administrative expenses paid from the Fund amounted to $818,659. Investment management services fees amounting to $563,307 were paid to the Provincial Treasury for investment management services which includes the safekeeping of securities.

Section 26 — Long-term investments held by the trustee at December 31, 1987 amounted to $1,507,639,000, par value, as set out in Schedule 1 appended. Transactions during the year (par value) are summarized on the attached Schedule 2.

The average rate of return of long-term investments purchased during the year was 9.148%. The net earned rate of the Fund was 9.619%.

An Investment Advisory Committee, consisting of the Commissioner of Teachers' Pensions and the Director, Finance, Superannuation Commission, together with representatives from the Ministry of Finance and Corporate Relations and the B.C. Teachers' Federation, meets on a quarterly basis during the year and sets guidelines and policy under which investments may be purchased and sold.

The investment strategy followed for 1987 recommended a portfolio mix of 70% long-term investments and 30% short-term investments.

The Superannuation Commission is responsible for cash management and advises the Provincial Treasury of funds available for investment.

Section 29 — An actuarial valuation of the assets and liabilities of the Fund is required to be made by an actuary from time to time at intervals of not more than five years. The most recent valuation was carried out as at December 31, 1984.

The valuation indicated an unfunded liability in respect of basic pension benefits of approximately $1,392,116,000 as of December 31, 1984. This represents an increase of $372,846,000 since December 31, 1980 and arose mainly from interest charges on the unfunded liability. The actuary stated that he did not see the increase in the unfunded liability as a threat to the continued payment of pensions to current and prospective pensioners.

Section 37 — During the year the Teachers' Pensions Board held 2 meetings at which it dealt with 21 cases in accordance with Board policies. Applications considered related to disability allowances and appeals under Paragraph 12, B.C. Regulation 90/80 to contribute for a period of leave of absence.

JOHN W. COOK, F.C.I.A.
Commissioner of Teachers' Pensions

Legislative Assembly
Province of British Columbia

AUDITOR GENERAL

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AUDITOR'S REPORT

To the Commissioner of Teachers' Pensions, and

To the Minister of Government Management Services,
Province of British Columbia:

I have examined the statement of financial position of the Teachers' Pensions Fund as at December 31, 1987 and the statement of changes in fund balance for the year then ended. My examination was made in accordance with generally accepted auditing standards, and accordingly included such tests and other procedures as I considered necessary in the circumstances.

In my opinion, these financial statements present fairly the financial position of the Fund as at December 31, 1987 and the changes in the fund balance for the year then ended in accordance with the accounting principles described in note 2 to the financial statements applied, except for the change in the method of accounting for discounts and premiums on long-term investments as explained in note 3 to the financial statements, on a basis consistent with that of the preceding year.

Further, I have examined the transactions that came to my notice in the course of my examination of the financial statements to determine whether they were in accordance with the *Pension (Teachers) Act*. In my opinion, these transactions were, in all significant respects, in compliance with the Act.

GEORGE L. MORFITT, F.C.A.
Auditor General

Victoria, British Columbia
June 30, 1988

TEACHERS' PENSIONS FUND

STATEMENT OF FINANCIAL POSITION
AS AT DECEMBER 31, 1987

	1987	1986
	($ Thousands)	
ASSETS	$	$
Cash	668	1,696
Contributions receivable	12,067	8,890
Accrued interest	39,989	44,886
Investments (Note 4)	2,174,954	1,925,172
Deferred losses less gains on sale of investments (Note 5)	8,438	10,447
	2,236,116	1,991,091
LIABILITIES		
Accounts payable and accrued liabilities	949	1,023
FUND BALANCE		
Basic Account	2,012,103	1,792,095
Inflation Adjustment Account	223,064	197,973
	2,235,167	1,990,068
	2,236,116	1,991,091

The eight accompanying notes are an integral part of these financial statements.

Approved by:
JOHN W. COOK, F.C.I.A.,
Superannuation Commissioner, Trustee

VICTOR BARWIN, C.A.,
Director, Finance, Superannuation Commission

TEACHERS' PENSIONS FUND

STATEMENT OF CHANGES IN FUND BALANCE
FOR THE YEAR ENDED DECEMBER 31, 1987

	Basic Account	Inflation Adjustment Account	Totals 1987	Totals 1986
		($ Thousands)		
FUND BALANCE INCREASED BY				
Contributions				
Employees				
Current	59,363	10,636	69,999	66,798
Voluntary	42	—	42	89
Reinstatement	556	—	556	427
Leave of absence	442	72	514	475
Recognition of service	—	—	—	27
	60,403	10,708	71,111	67,816
Employers				
Paid by the Province of British Columbia on behalf of school districts				
Current	87,837	10,609	98,446	94,031
Recognition of service	—	—	—	27
Early Retirement Plan (Note 8)	2,939	—	2,939	—
Contributions by other employers				
Current	250	29	279	311
	91,026	10,638	101,664	94,369
Transfers from other funds	2,661	18	2,679	2,741
Income from investments	179,326	15,075	194,401	184,395
TOTAL INCREASE	333,416	36,439	369,855	349,321
FUND BALANCE DECREASED BY				
Superannuation allowance payments				
Contributory	93,054	—	93,054	84,908
Inflation adjustment supplements	24,089	—	24,089	20,706
	117,143	—	117,143	105,614
Refunds	5,161	594	5,755	5,923
Transfers to other funds	441	35	476	582
Administration and actuarial expenses	819	—	819	897
Investment management fees	518	45	563	621
TOTAL DECREASE	124,082	674	124,756	113,637
NET INCREASE BEFORE TRANSFERS	209,334	35,765	245,099	235,684
TRANSFERS (NOTE 6)				
Capitalized value of inflation adjustment supplements granted (1986 — $24,541)	38,951	(38,951)	—	—
Capitalized value of indexing of highest average salary (1986 — $1,300)	1,080	(1,080)	—	—
Excess interest (1986 — $31,494)	(29,355)	29,355	—	—
Other (1986 — Nil)	(2)	2	—	—
	10,674	(10,674)	—	—
NET INCREASE IN FUND BALANCE	220,008	25,091	245,099	235,684
FUND BALANCE AT BEGINNING OF YEAR	1,792,095	197,973	1,990,068	1,754,384
FUND BALANCE AT END OF YEAR	2,012,103	223,064	2,235,167	1,990,068

TEACHERS' PENSIONS FUND
NOTES TO FINANCIAL STATEMENTS
FOR THE YEAR ENDED DECEMBER 31, 1987

1. DESCRIPTION OF THE TEACHERS' PENSIONS PLAN

The following brief description of the plan is provided for general information only. For more complete information about the plan, reference should be made to the *Pension (Teachers) Act.*

a) General

The plan is a defined benefit pension plan, whereby benefits are not linked directly to contributions. The plan is open to all certificated teachers and to superintendents or assistant superintendents appointed by a board of school trustees in the British Columbia public school system.

b) Contributions

Members contribute to the Basic Account 5.1% of salary up to the Canada Pension Plan's Year's Maximum Pensionable Earnings and 6.6% on earnings above that. The employers' rates are 7.8% and 9.3% respectively. Members and employers also each contribute 1% to the Inflation Adjustment Account which was created in 1980 to provide for the payment of inflation supplements.

c) Retirement Benefits

Members are eligible for unreduced pensions if retirement is at age 55 with a minimum of 35 years contributory service and at age 60 with a minimum of 10 years contributory service. Reduced pensions are available at age 55 with a minimum of 10 years contributory service.

The plan provides a pension of 2% of the highest 5-year average salary for each year of credited pensionable service prior to age 65. The maximum pensionable service allowable under the plan is 35 years. At age 65 or date of death or disability, if earlier, there is a reduction in the formula as a result of integration with the Canada Pension Plan.

The inflation adjustment supplements are provided each January 1st and are related to the annual increase in the Consumer Price Index (CPI) as at the previous September 30th. The increase is pro-rated if the capitalized value of the increases exceeds the funds available in the Inflation Adjustment Account. As there were sufficient funds available at January 1, 1987, a full CPI increase of 4.1% (1986 — 4.1%) to the basic lifetime portion of the contributory superannuation allowances in force was provided. Sufficient funds were also available to provide a full CPI increase of 4.5% effective January 1, 1988.

d) Termination and Portability Benefits

A terminating employee may choose between leaving accumulated contributions on deposit or obtaining a refund. The refund includes interest credited. Employees with at least 10 years of contributory service who leave contributions in the Fund are entitled to deferred pension benefits. Terminating employees not withdrawing contributions may carry certain pension rights to other pension plans that have portability arrangements with the Teachers' Pensions Plan. New contributors may also, under portability arrangements, transfer contributions and service from other plans to provide for or to increase pension benefits under the Teachers' Pensions Plan.

e) Other Benefits

Disability and survivor benefits are available under the plan.

2. SIGNIFICANT ACCOUNTING POLICIES

a) General Information

These financial statements have been prepared on the accrual basis of accounting. They show only the position of the Fund as at December 31, 1987 and the changes in Fund balance for the year then ended and do not purport to show the adequacy of the Fund to meet the obligations of the pension plan. The results of the latest actuarial valuation of the plan are described in Note 7 below.

b) Investments

(i) Short-term investments are carried at cost of acquisition.

(ii) Units in Pooled Investment Portfolios are carried at the cost of acquisition adjusted by income attributed to the units. Income attributed to the units represents the Fund's share of investment income earned by the Portfolios and is realizable by the Fund upon the sale of the units.

(iii) Long-term investments are those purchased with a term in excess of one year. They are carried at cost of acquisition adjusted by the amortization of discounts and premiums on a constant yield basis over the remaining terms of the investments.

c) Deferred Losses Less Gains on Sale of Investments

Gains and losses on disposal of long-term investments are deferred and amortized on a straight line basis over the lesser of the remaining terms of the investments or twenty years. The amortization is charged against income from investments.

3. CHANGE IN ACCOUNTING POLICY

Prior to January 1, 1987, discounts and premiums on long-term investments were amortized on a straight line basis. Discounts and premiums are now amortized on the basis described in Note 2b(iii). This change in accounting policy has not been retroactively applied and comparative figures have not been restated due to the immaterial effect on the Fund balance.

As a result of this change, the Fund balance as at December 31, 1987 and income from investments for the year then ended have both been decreased by $3,123,080.

4. INVESTMENTS

The book value of investments held at the end of the year was as follows:

	1987	1986
	($ Thousands)	
Short-term investments	191,368	598,912
Units in Province of British Columbia Pooled Investment Portfolios	536,078	—
Long-term investments	1,447,508	1,326,260
	2,174,954	1,925,172

As at December 31, 1987, the market value of the units was $537,141,675 (1986 — nil) and the market value of the long-term investments was $1,410,702,105 (1986 — $1,372,458,169).

5. DEFERRED LOSSES LESS GAINS ON SALE OF INVESTMENTS

	1987	1986
	($ Thousands)	
Balance at beginning of year	10,447	13,918
Gains less losses on sale of investments	867	2,189
	9,580	11,729
Amortization for the year	1,142	1,282
Balance at end of year	8,438	10,447

6. TRANSFERS

The Basic Account is increased by the capitalized value of inflation adjustment supplements granted and the capitalized value of indexing of the highest average salary for employees electing deferred pensions during the year.

The Inflation Adjustment Account is increased by income that is earned on assets held in the Basic Account in respect of pensions being paid, and which is in excess of income calculated using the interest rate assumed by the Actuary.

7. ACTUARIAL VALUATION

According to the *Pension (Teachers) Act*, an actuarial valuation of the assets and liabilities of the Fund is required to be made by an Actuary at intervals of not more than five years. The most recent valuation was carried out as at December 31, 1984 and indicated an unfunded liability of $1,392,116,000 in respect of basic pension benefits. This represented an increase of $372,846,000 since December 31, 1980, the date of the previous valuation, and arose mainly from interest charges on the unfunded liability.

The Actuary stated that he did not see the increase in the unfunded liability as a threat to the continued payment of pensions to current and prospective pensioners. He does, however, recommend that the statutory contribution rates be increased from their current maximum combined rate of 15.90% of total salaries to a maximum combined rate of 16.64% of total salaries. The contribution rates recommended by the Actuary were determined under the "level contribution" funding method. This method expresses employer contributions as a constant percentage of future payrolls that, together with future employee contributions and investment earnings, will finance the benefits for a typical new entrant to the plan and, in addition, will maintain the unfunded liability as a constant percentage of future payrolls. To date the contribution rates have not been changed.

8. EARLY RETIREMENT PLAN

An amendment to the *Pension (Teachers) Act* in 1987 provided a "55 and Out" Early Retirement Plan for eligible teachers who retire during the period from April 1, 1987, to June 30, 1989.

"The 55 and Out" Early Retirement Plan provides an incentive for teachers between the ages of 55 and 60 to retire early by removing the pension reduction of 5% for each year of early retirement under age 60. The Province has agreed to pay amounts to the Fund to offset the cost of this new plan provision. The Province will pay to the Fund each year the greater of the salary savings resulting from replacing the retiring teacher with a teacher paid at a lower salary or a fixed schedule of actuarially determined payments until such time as the full amount has been paid. For the year ended December 31, 1987, the Fund has received $2,939,000 from the Province for the 198 teachers who elected to participate in this plan during the year.

TEACHERS' PENSIONS FUND

SCHEDULE 1

LONG-TERM INVESTMENTS HELD AS AT DECEMBER 31, 1987

	Par Value $	Book Value $	Market Value $
Government of Canada			
Government of Canada Bonds	393,803,000	399,325,221	402,558,941
Government of Canada Interest Coupons	161,322,500	101,929,538	98,104,808
Government of Canada Guaranty			
Federal Business Development Bank	3,500,000	3,546,239	3,552,828
Export Development Corporation	13,000,000	12,991,044	13,190,528
Province of British Columbia	63,708,000	63,670,461	63,279,635
Province of British Columbia Guaranty			
B.C. Place Note	13,000,000	13,000,000	13,507,364
B.C. Hydro and Power Authority Bonds	417,314,000	415,049,601	384,861,574
B.C. Hydro and Power Authority Interest Coupons	4,350,000	3,301,357	3,219,736
B.C. Railway Company	78,965,000	78,781,922	71,650,110
B.C. Educational Institutions Capital Financing Authority	3,747,000	3,735,103	3,929,764
B.C. School Districts Capital Financing Authority	18,990,000	18,914,850	18,410,636
B.C. Irrigation Districts Serials	44,000	42,979	40,300
B.C. Irrigation Districts	715,500	715,129	576,131
B.C. Improvement Districts	730,000	728,234	619,039
B.C. Waterworks Districts	348,000	346,650	301,397
Nechako Improvement Districts	270,000	267,435	248,136
Province of Alberta	900,000	895,918	866,250
Province of Alberta Guaranty			
Alberta Government Telephone	6,800,000	6,758,915	6,389,132
Alberta Municipal Finance Corporation	13,500,000	14,088,301	14,264,148
Province of Manitoba	26,500,000	26,517,119	26,425,669
Province of New Brunswick	9,500,000	9,492,997	10,071,836
Province of New Brunswick Guaranty			
New Brunswick Electric	4,000,000	4,017,057	4,130,132
Province of Nova Scotia	7,745,000	7,728,001	8,700.040
Province of Nova Scotia Guaranty			
Nova Scotia Power	794,000	782,497	686,343
Province of Ontario Guaranty			
Ontario Hydro	137,765,000	137,552,708	137,419,997
Province of Prince Edward Island	1,000,000	997,549	1,012,185
Province of Quebec	13,900,000	13,756,273	15,415,711
Province of Quebec Guaranty			
Quebec Hydro	35,750,000	35,526,823	35,792,735
Quebec Hydro Interest Coupons	9,000,000	6,003,137	5,979,006
Province of Saskatchewan	64,678,000	65,057,045	63,460,521
Eurobank Guaranty			
World Bank Note	2,000,000	1,987,533	2,037,473
	1,507,639,000	1,447,507,636	1,410,702,105
1986 Comparisons	1,396,899,000	1,326,260,103	1,372,458,169

TEACHERS' PENSIONS FUND

SCHEDULE 2

Investment Interest and Transactions

Comparative Statistics, January 1, 1978 to December 31, 1987

	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
	%	%	%	%	%	%	%	%	%	%
Net earned rate of the fund	8.088	8.870	9.218	11.435	11.637	10.688	10.960	10.796	10.312	9.619
Average rate of return of long-term investments purchased in year	9.826	10.407	12.480	17.140	13.956	12.222	12.182	10.793	9.357	9.148
	$ (000)	$ (000)	$ (000)	$ (000)	$ (000)	$ (000)	$ (000)	$ (000)	$ (000)	$ (000)
Income from investments	37,777	48,770	59,417	88,570	112,917	122,018	147,808	168,924	184,395	194,401
Long-term investment transactions										
Purchases (par value)	89,374	71,400	73,761	975	100,384	179,009	206,019	436,173	257,350	246,900
Maturities and sales (par value)	15,990	4,247	9,335	2,364	3,326	44,267	147,909	133,485	82,059	136,160
Net increase (decrease)	73,384	67,153	64,426	(1,389)	97,058	134,742	58,110	302,688	175,291	110,740
Short-term increase (decrease)	(2,401)	25,146	42,319	158,832	121,234	71,725	188,775	(62,207)	48,993	128,534
Fund balance	528,342	618,867	721,154	891,040	1,099,511	1,305,015	1,527,064	1,754,384	1,990,068	2,235,167

TEACHERS' PENSIONS FUND

SCHEDULE 3

Main Comparative Statistics, January 1, 1978 to December 31, 1987

Fiscal Year	Number of Members at End of Fiscal Year	Contributions		Employer C.P.P. Abatements	Member Refunds		Superannuation Allowances			
		Employers	Members		Number	Amount Refunded	Number Granted During Year	Deaths and Expirations During Year	Number in Force at End of Year	Amount Paid
		$	$	$		$				$
1978	30,126	36,547,619	36,924,898	5,203,343	1,406	3,283,610	390	85	4,550	23,751,937
	11,130[1]	11,930,910[2]								7,973,721[3]
1979	30,289	40,468,175	40,874,490	5,826,388	1,371	3,826,349	366	86	4,830	26,495,717
	11,607[1]	8,450,602[2]								10,678,472[3]
1980	31,401	52,240,233	46,825,556	6,123,124	1,539	5,344,518	333	39	5,124	29,557,753
	11,488[1]									13,733,224[3]
1981	31,906	80,138,571	57,640,823	7,891,353[5]	1,661	6,759,399	415	95	5,444	33,523,860
	12,118[1]									16,597,325[3]
1982	30,907	95,196,529	68,690,937	8,889,829[5]	1,267	5,172,036	515	94	5,865	56,081,883
	12,829[1]									5,904,777[4]
1983	30,618	94,539,769	67,957,959	9,196,841[5]	1,054	4,413,054	508	104	6,269	61,703,636
	12,820[1]									11,721,720[4]
1984	29,609	96,258,176	69,066,718	10,052,592[5]	983	5,443,274	683	112	6,840	69,641,139
	13,262[1]									14,929,314[4]
1985	29,419	93,810,561	67,343,692	10,718,354[5]	963	5,912,274	615	126	7,329	77,675,258
	13,008[1]									17,578,693[4]
1986	27,177	94,368,953	67,815,750	11,639,505[5]	840	5,922,423	511	158	7,682	84,908,372
	15,698[1]									20,705,925[4]
1987	30,899	98,724,908	71,111,047	12,786,093[5]	709	5,755,386	689	160	8,211	93,053,986
	12,986[1]	2,939,114[6]								24,069,351[4]

[1] In-active contributors.

[2] Deficit in Employer Reserve Account paid for by Province of British Columbia.

[3] Cost of living supplements, effective July 1, 1974 to December 31, 1981; combined with basic pensions January 1, 1982. Financing by additional member and employer contributions commenced May 1, 1976 and terminated September 30, 1980. (Note 5)

[4] Inflation adjustment supplements, effective January 1, 1982. Financed by member and employer inflation adjustment account contributions effective October 1, 1980.

[5] Reimbursed by Minister of Finance and Corporate Relations commencing October 1, 1980.

[6] Received from the Minister of Finance and Corporate Relations in respect of the Teachers' Early Retirement Plan.

TEACHERS' PENSIONS FUND

SCHEDULE 4

Comparative Statistics, January 1, 1978 to December 31, 1987
Subdivided According to Sex of Contributor

Fiscal Year	Number of Members				Number of Refunds Granted		Superannuation Allowances					
							Number of Allowances Granted[1]		Number of Deaths and Expirations[1]		Number of Allowances in Force at End of Year[1]	
	Male		Female		Male	Female	Male	Female	Male	Female	Male	Female
	Active	Inactive	Active	Inactive								
1978	14,263	2,584	15,863	8,546	392	1,014	164	226	38	47	1,729	2,821
1979	14,251	2,689	16,038	8,918	422	975	160	206	24	62	1,865	2,965
1980	14,602	2,896	16,799	8,590	467	1,072	155	178	10	29	2,010	3,114
1981	14,634	3,113	17,272	9,005	458	1,203	202	213	29	66	2,183	3,261
1982	14,370	3,418	16,537	9,411	375	892	276	239	31	63	2,428	3,437
1983	14,264	3,297	16,354	9,523	333	721	262	248	14	90	2,676	3,593
1984	13,811	3,384	15,798	9,878	293	690	363	320	40	72	2,999	3,841
1985	13,548	3,349	15,871	9,659	323	640	325	290	40	86	3,284	4,045
1986	12,315	4,516	14,862	11,182	285	555	267	244	47	111	3,504	4,178
1987	13,405	3,471	17,494	9,515	263	446	376	313	46	114	3,834	4,377

[1] Comparative figures for 1979 and subsequent years have been restated to show allowances by contributor.

TEACHERS' PENSIONS FUND

SCHEDULE 5

Summary of Normal Allowances Granted During 1987

SUBDIVIDED BY YEARS OF SERVICE AND VALUE OF ALLOWANCE

Years of Service	Number of Allowances Granted	Average Salary During Last Five Years	Average Annual Allowance on Single Life Plan	Average Value of Allowance	Average Teachers' Share	Average Employer's Share
		$	$	$	$	$
Under 10 years	24	39,660	3,830	45,156	14,054	31,102
10 - 14	58	37,644	7,167	85,874	28,372	57,502
15 - 19	80	37,512	10,457	124,448	38,734	85,714
20 - 24	122	37,332	12,948	153,396	46,838	106,558
25 - 29	115	39,457	17,522	207,541	58,533	149,008
30 - 34	134	42,552	24,017	276,717	73,524	203,193
35 - 39	64	45,564	28,050	326,622	80,965	245,657
40 & over	2	42,864	26,511	268,868	84,826	184,042
AVERAGE OF NORMAL ALLOWANCES GRANTED DURING YEAR:						
25 (Service)	59 (Age)	39,960	16,704	195,532	54,642	140,890
TOTAL VALUE OF NORMAL ALLOWANCES GRANTED DURING YEAR:						
	599	—	10,005,464	117,123,436	32,730,610	84,392,826

SUBDIVIDED BY YEARS OF SERVICE AND AGE AT RETIREMENT

Years of Service	Age at Retirement											Total	Per Cent
	55	56	57	58	59	60	61	62	63	64	65		
Under 10	4	—	—	3	2	2	5	3	—	2	3	24	4
10 - 14	12	3	6	4	8	8	5	1	—	3	8	58	10
15 - 19	10	10	7	5	4	9	8	7	7	3	10	80	13
20 - 24	24	11	11	13	15	12	6	6	5	4	15	122	20
25 - 29	25	15	16	12	14	12	3	4	3	4	7	115	19
30 - 34	25	17	20	15	13	20	5	6	3	1	9	134	22
35 - 39	17	10	7	7	6	6	3	5	—	1	2	64	12
40 & over	—	—	—	—	—	—	—	—	—	—	2	2	—
Total	117	66	67	59	62	69	35	32	18	18	56	599	
Per cent	20	11	11	10	10	12	6	5	3	3	9		100

Allowances Other Than Normal Granted During 1987

Number of Allowances Granted	Death	Disability	Deferred
90	6	32	52

TEACHERS' PENSIONS FUND

SCHEDULE 6

Approved and Reciprocal Employers as at December 31, 1987

APPROVED EMPLOYERS

Section 11 (2) provides for the granting of a deferred allowance to a contributor who within three years of his last contribution to the Fund enters the employment of one or more of the following employers, remains in employment long enough to qualify for a monthly pension benefit and has at least 10 years combined contributory service under this plan and the pension plan of the approved employer —

	Effective Date
An employer to whom the *Teachers' Retirement Fund Act* (Alberta) applies	November 22, 1971
An employer to whom the *Teachers' Pensions Act* (Manitoba) applies	November 22, 1971
An employer to whom the *Teachers' Superannuation Act* (Ontario) applies	November 22, 1971
An employer to whom the Teachers' Pensions Plan (Quebec) applies	November 22, 1971
An employer to whom the *Teachers' Superannuation Fund Act* (Saskatchewan) applies	November 22, 1971
Acadia University (Nova Scotia)	July 1, 1973
British Columbia Hydro and Power Authority	October 30, 1968
Concordia University (Quebec)	July 10, 1987
Government of Canada	March 27, 1961
Simon Fraser University	April 1, 1966
University of British Columbia	March 27, 1961
University of Victoria	March 27, 1961

AGREEMENTS NEGOTIATED WITH OTHER EMPLOYERS

Section 11 (10) provides that the Commissioner may enter into an agreement for the transfer of funds in respect of an employee who transfers to or from the service of the following employers —

Government of Canada	June 22, 1973
An employer to whom the *Teachers' Retirement Fund Act* (Alberta) applies	October 3, 1974
An employer to whom the *Teachers' Pensions Act* (Manitoba) applies	October 3, 1974
An employer to whom the *Teachers' Superannuation Act* (Ontario) applies	October 3, 1974
An employer to whom the Teachers' Pensions Plan (Quebec) applies	October 3, 1974
An employer to whom the *Teachers' Superannuation Fund Act* (Saskatchewan) applies	October 3, 1974
C.A.R.R.A. (Quebec Pension Plans)	December 4, 1985

RECIPROCAL EMPLOYERS

Section 12 (1) provides for the method of calculating the monthly pension benefit of an employee who within three years of making his last contribution to the Fund transfers to or from the service of the following British Columbia reciprocal employers and commences contributing to the pension plan —

An employer under the *Pension (Public Service) Act*	July 1, 1973
An employer under the *Pension (College) Act*	July 1, 1973
An employer under the *Pension (Municipal) Act*	July 1, 1973
Workers' Compensation Board	June 5, 1974

TEACHERS' PENSIONS FUND

SCHEDULE 7

Approved Long-Term Disability Salary Continuance Plans
as at December 31, 1987

School District	Enrolment Date
Abbotsford No. 34	June 28, 1973
Agassiz-Harrison No. 76	January 1, 1977
Alberni No. 70	June 28, 1973
Armstrong-Spallumcheen No. 21	June 28, 1973
Arrow Lakes No. 10	September 5, 1978
B.C.T.F.	June 28, 1973
Bulkley Valley No. 54	June 28, 1973
Burnaby No. 41	October 22, 1981
Burns Lake No. 55	June 28, 1973
Campbell River No. 72	June 28, 1973
Cariboo-Chilcotin No. 27	June 28, 1973
Castlegar No. 9	January 1, 1976
Central Okanagan No. 23	June 28, 1973
Chilliwack No. 33	June 28, 1973
Coquitlam No. 43	March 24, 1975
Courtenay No. 71	June 28, 1973
Cowichan No. 65	June 28, 1973
Cranbrook No. 2	January 1, 1977
Creston-Kaslo No. 86	June 28, 1973
Delta No. 37	June 28, 1973
Fernie No. 1	June 18, 1976
Fort Nelson No. 81	March 1, 1975
Golden No. 18	July 29, 1976
Grand Forks No. 12	June 28, 1973
Greater Victoria No. 61	June 28, 1973
Gulf Islands No. 64	June 1, 1976
Hope No. 32	June 28, 1973
Howe Sound No. 48	June 28, 1973
Kamloops No. 24	June 28, 1973
Keremeos No. 16	February 1, 1978
Kettle Valley No. 13	June 28, 1973
Kimberley No. 3	June 28, 1973
Kitimat No. 80	March 5, 1974
Lake Cowichan No. 66	June 28, 1973
Langley No. 35	June 28, 1973
Lillooet No. 29	June 28, 1973
Maple Ridge/Pitt Meadows No. 42	June 28, 1973
Merritt No. 31	February 1, 1981
Mission No. 75	June 28, 1973
Nanaimo No. 68	June 28, 1973
Nechako No. 56	June 28, 1973
Nelson No. 7	June 28, 1973
New Westminster No. 40	October 1, 1978
Nishga No. 92	January 1, 1975
North Thompson No. 26	February 1, 1978
North Vancouver No. 44	June 28, 1973
Ocean Falls No. 49	March 1, 1981
Peace River North No. 60	June 1, 1977
Peace River South No. 59	February 1, 1975
Penticton No. 15	June 28, 1973
Powell River No. 47	June 28, 1973
Prince George No. 57	June 28, 1973
Prince Rupert No. 52	June 28, 1973

TEACHERS' PENSIONS FUND

SCHEDULE 7 — *Continued*

Approved Long-Term Disability Salary Continuance Plans as at December 31, 1987

School District	Enrolment Date
Princeton No. 17	February 1, 1976
Qualicum No. 69	June 28, 1973
Queen Charlotte No. 50	June 28, 1973
Quesnel No. 28	June 28, 1973
Revelstoke No. 19	March 13, 1975
Richmond No. 38	June 28, 1973
Saanich No. 63	June 28, 1973
Shuswap No. 89	June 28, 1973
Sooke No. 62	September 1, 1976
South Cariboo No. 30	June 28, 1973
Southern Okanagan No. 14	June 28, 1973
Stikine No. 87	June 28, 1973
Summerland No. 77	June 28, 1973
Sunshine Coast No. 46	June 28, 1973
Surrey No. 36	May 7, 1975
Terrace No. 88	June 28, 1973
Trail No. 11	June 28, 1973
Vancouver No. 39	June 28, 1973
Vancouver Island North No. 85	June 28, 1973
Vancouver Island West No. 84	June 1, 1981
Vernon No. 22	June 28, 1973
West Vancouver No. 45	June 28, 1973
Windermere No. 4	June 28, 1973

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